

Listing of Claims:

1. (Currently Amended) A document scanning apparatus for scanning a document, generating image data, and storing ~~this~~ the image data ~~in specified storage means~~, comprising:

5 first scanning means for sequentially transporting documents mounted in a ~~specified~~ document tray to a ~~specified~~ scan position and scanning ~~said document~~ the documents at ~~said~~ the scan position, thereby generating image data corresponding to the documents;

10 second scanning means for scanning a document placed on a ~~specified~~ document glass plane without transporting ~~this~~ the document, thereby generating image data corresponding to the document;

15 continued ~~specification~~ instruction acceptance means for accepting ~~a specification~~ an instruction for one of continuation of document scanning ~~scan continuation~~ and completion of document scanning after one of: (i) the first scanning means ~~one of scan operations for scans~~ all documents mounted in ~~said~~ the document tray ~~through said first scanning means and for said~~ and (ii) the second scanning means scans the document placed on ~~said~~ the document glass plane ~~through said second scanning means;~~

20 ~~scan method~~ selection means for responding to ~~an acceptance~~ of the instruction for continued document scan, accepted

~~specification~~ by ~~this~~ the continued ~~specification~~ instruction
acceptance means, and for selecting one of ~~said~~ the first
25 scanning means and ~~said~~ the second scanning means according to a
~~specified specification~~ predetermined rule, and for allowing
selected scanning means to start scanning additional documents;
and

storage control means for storing newly generated image data
30 corresponding to the additional documents ~~as for a series of~~
~~documents in said storage means~~ as additional image data
subsequent to previously stored image data, wherein ~~a scan~~
A ~~operation by said~~ one of the first scanning means and ~~said~~ the
second scanning means provides the newly generated ~~generates~~
35 image data until ~~said~~ the continued ~~specification~~ instruction
acceptance means accepts ~~a specification to complete the~~
instruction for completing the scanning of documents.

2. (Currently Amended) The document scanning apparatus
according to claim 1, wherein ~~said~~ the continued ~~specification~~
instruction acceptance means accepts ~~a specification an~~
instruction whether to continue scanning documents based on a
5 specified suspension instruction also in response to a suspended
scan operation performed by one of ~~said~~ the first scanning means
and ~~said~~ the second scanning means.

3. (Currently Amended) The document scanning apparatus according to claim 1, ~~wherein there is provided further~~ comprising mode changeover means which validates operations of ~~said the~~ continued ~~specification instruction~~ acceptance means,
5 ~~said scan method the~~ selection means, and ~~said the~~ storage control means only when a specified ~~special~~ mode is enabled for ~~said the~~ first scanning means and ~~said the~~ second scanning means ~~for scanning a series of documents.~~

4. (Currently Amended) The document scanning apparatus according to claim 1, ~~wherein there are provided further~~ comprising:

conditional ~~specification instruction~~ acceptance means which
5 accepts ~~a specification an instruction~~ of a specified scan condition when ~~said the~~ continued ~~specification instruction~~ acceptance means awaits ~~a specification an instruction~~ whether to continue scanning documents; and

condition setup means which allows one of ~~said the~~ first
10 scanning means and ~~said the~~ second scanning means to perform scanning under a scan condition updated by ~~a specification an instruction~~ most recently accepted by ~~said the~~ conditional ~~specification instruction~~ acceptance means when one of ~~said the~~ first scanning means and ~~said the~~ second scanning means performs
15 document scanning in response to acceptance of ~~a specification an~~

instruction to continue scanning documents by ~~said the~~ continued ~~specification~~ instruction acceptance means.

5. (Currently Amended) A document scanning apparatus for scanning a document, generating image data, and storing ~~this the~~ image data in ~~specified storage means~~, comprising:

scanning means for scanning ~~said the~~ document, thereby
5 generating image data corresponding to the document;

continued ~~specification~~ instruction acceptance means for
A, accepting ~~a specification~~ an instruction for one of continuation
of document scanning ~~scan continuation~~ and completion of document
scanning after termination of scanning of ~~said the~~ document by
10 ~~this the~~ scanning means;

conditional ~~specification~~ instruction acceptance means ~~which~~
~~accepts a specification~~ for accepting an instruction of a
specified scan condition when ~~this the~~ continued ~~specification~~
instruction acceptance means awaits ~~a specification~~ an
15 instruction whether to continue scanning documents;

continued scan control means ~~which allows said~~ for allowing
the scanning means to start scanning additional documents under a
scan condition updated by ~~a specification~~ an instruction most
recently accepted by ~~said the~~ conditional ~~specification~~
20 instruction acceptance means in response to acceptance of ~~a~~
~~specification~~ an instruction to continue scanning documents by

~~said the~~ continued ~~specification instruction~~ acceptance means;
and

storage control means for storing newly generated image data
25 corresponding to the additional documents ~~as for a series of~~
~~documents in said storage means~~ as additional image data
subsequent to previously stored image data, wherein ~~a scan~~
operation by ~~said the~~ scanning means ~~generates~~ provides the newly
generated image data until ~~said the~~ continued ~~specification~~
30 instruction acceptance means accepts ~~a specification to complete~~
the instruction for completion of scanning documents.

6. (Currently Amended) The document scanning apparatus
according to claim 5, wherein ~~said the~~ continued ~~specification~~
instruction acceptance means accepts ~~a specification an~~
instruction whether to continue scanning documents based on a
5 specified suspension instruction also in response to a suspended
scan operation performed by ~~said the~~ scanning means.

7. (Currently Amended) The document scanning apparatus
according to claim 5, ~~wherein there is provided~~ further
comprising mode changeover means which validates operations of
~~said the~~ continued ~~specification instruction~~ acceptance means,
5 conditional ~~specification instruction~~ acceptance means, continued
scan control means, and ~~said the~~ storage control means only when

a specified special mode is enabled for ~~said the~~ scanning means
for ~~scanning a series of documents~~.

8. (Currently Amended) A document scanning method of
scanning a document, generating image data, and storing ~~this~~
~~the image data in specified storage means~~ by selectively using
one of: (i) first scanning means for sequentially transporting
5 documents mounted in a ~~specified document~~ documents tray to a
~~specified~~ scan position and scanning ~~said the~~ document at ~~said~~
~~the~~ scan position thereby generating image data corresponding
to the documents, and (ii) second scanning means for scanning
a document placed on a ~~specified~~ document glass plane without
10 transporting ~~this~~ the document thereby generating image data
corresponding to the document, said method comprising the
~~steps of:~~

accepting ~~a specification~~ an instruction for one of
continuation of document scanning ~~scan continuation~~ and
15 completion of document scanning after one of: (i) the first
scanning means ~~one of scan operations for scans~~ all documents
mounted in ~~said the~~ document tray ~~through said first scanning~~
~~means and for said~~ and (ii) the second scanning means scans the
document placed on ~~said the~~ document glass plane ~~through said~~
20 ~~second scanning means;~~

responding to an acceptance of ~~said the~~ continued document scan ~~specification~~ instruction, selecting one of ~~said the~~ first scanning means and ~~said the~~ second scanning means according to a ~~specified specification~~ predetermined rule, and allowing selected
25 scanning means to start scanning additional documents; and

storing newly generated image data corresponding to the additional documents ~~as for a series of documents in said storage means~~ as additional image data subsequent to previously stored image data, wherein ~~a scan operation by said one of the~~ first
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30 scanning means and ~~said the~~ second scanning means ~~generates~~ provides the newly generated image data until acceptance of ~~said specification~~ the instruction to complete scanning documents.

9. (Currently Amended) A document scanning method for scanning a document, generating image data, and storing ~~this the~~ image data ~~in specified storage means~~ by using ~~specified a~~ scanning means, said method comprising ~~the steps of~~:

5 accepting ~~a specification~~ an instruction for one of continuation of document scan ~~continuation~~ and completion of documentation after termination of scanning of ~~said the~~ document by ~~said the~~ scanning means;

accepting ~~a specification~~ an instruction of a specified scan
10 condition while awaiting ~~said specification~~ the instruction whether to continue scanning documents;

allowing ~~said~~ the scanning means to start scanning
additional documents under a scan condition updated by a
~~specification~~ an instruction most recently accepted by ~~said~~
15 ~~conditional specification acceptance means~~ in response to
acceptance of ~~said~~ the specification to continue scanning
documents; and

storing newly generated image data corresponding to the
additional documents ~~as for a series of documents in said storage~~
20 ~~means~~ as additional image data subsequent to previously stored
image data, wherein ~~a scan operation by said first~~ the scanning
means ~~and said second scanning means generates~~ provides the newly
generated image data until acceptance of ~~said specification~~ the
instruction to complete scanning documents.
